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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/789,083	02/27/2004	Bang-Chein Ho	252016-1710	7532	
47390 73	590 03/28/2006		EXAM	EXAMINER	
THOMAS, KAYDEN, HOSTEMEYER & RISLEY LLP			LE, DUN	LE, DUNG ANH	
SUITE 1750			ART UNIT	PAPER NUMBER	
ATLANTA, G	A 30339		2818		

DATE MAILED: 03/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
	10/789,083	HO ET AL.	(M)		
Office Action Summary	Examiner	Art Unit			
·	DUNG A. LE	2818	·		
The MAILING DATE of this communication ap	ppears on the cover sheet with the o	correspondence add	dress		
Period for Reply	VIO CET TO EVOIDE 4 MONTH	(e) AD TUIDTV (3()) DAVS		
A SHORTENED STATUTORY PERIOD FOR REPI WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the maili earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATION .136(a). In no event, however, may a reply be tire d will apply and will expire SIX (6) MONTHS from the cause the application to become ABANDONE	N. nely filed the mailing date of this co ED (35 U.S.C. § 133).			
Status	•				
1) Responsive to communication(s) filed on	<u> </u>				
2a) ☐ This action is FINAL . 2b) ☑ Th	is action is non-final.				
3) Since this application is in condition for allowance except for formal matters, prosecution as to the meri					
closed in accordance with the practice under	Ex parte Quayle, 1935 C.D. 11, 4	53 O.G. 213.			
Disposition of Claims			,		
4) Claim(s) 1-23 is/are pending in the application	n.				
4a) Of the above claim(s) is/are withdr	awn from consideration.				
5) Claim(s) is/are allowed.					
6) Claim(s) is/are rejected.					
7) Claim(s) is/are objected to.			,		
8)⊠ Claim(s) <u>1-23</u> are subject to restriction and/o	r election requirement.				
Application Papers					
9)☐ The specification is objected to by the Examin	ner.	_ :			
10) The drawing(s) filed on is/are: a) □ ac	ccepted or b) objected to by the	Examiner.			
Applicant may not request that any objection to the	ne drawing(s) be held in abeyance. So	ee 37 CFR 1.85(a).	ED 4 404/4\		
Replacement drawing sheet(s) including the corre	ection is required if the drawing(s) is o	bjected to. See 37 Cl	-R 1.121(0).		
11) The oath or declaration is objected to by the	Examiner. Note the attached Offic	e action or form P	U-152.		
Priority under 35 U.S.C, § 119					
12) ☐ Acknowledgment is made of a claim for forei	gn priority under 35 U.S.C. § 119(a)-(d) or (f).			
a) ☐ All b) ☐ Some * c) ☐ None of:					
1. Certified copies of the priority docume	ents have been received.	Ainm No			
2. Certified copies of the priority docume	ents have been received in Applica	ition No	Stage		
3. Copies of the certified copies of the pr	riority documents have been recei	ved in this Mational	Glaye .		
application from the International Bure	eau (PCT Kule T7.2(a)).	ved			
* See the attached detailed Office action for a l	ist of the certified copies not receive	vou.			
		·			
Attachment(s)		(0.00)	Dlo		
1) Notice of References Cited (PTO-892)	4) Interview Summa Paper No(s)/Mail	ry (PTO-413) Date	,		
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/	(08) 5) Notice of Informa	Patent Application (PT	O-152)		
Paper No(s)/Mail Date	6) Other:				
LLC Detect and Trademark Office					

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DETAILED ACTION

Election/Restrictions

Claims 1-23 are pending in this application.

- 1. This application contains claims directed to the following patentably distinct species of the claimed invention:
- a) Species I, e.g. claims 1-15: Method of forming a dual damascene interconnect in an integrated circuit using a photo resist layer and a protective layer (figs. 2A-2G).
- b) Species II, e.g. claims 16-23: Method of forming a dual damascene interconnect in an integrated circuit using two photo resist layers and two protective layers (figs. 3A-2I).
- 2. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claims is finally held to be allowable. Currently, no claim is generic. Applicant is advised that a response to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is all claims are generic is considered non-responsive unless accompanied by an election.
- 3. Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 C.F.R. 1.141. If claims are added after the selection, applicant must indicate which are readable upon the elected species.

 M.P.E.P. 809.02(a). Should applicant traverse on the ground that the species are not

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patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103 of the other invention.

4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 C.F.R. 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a diligently-filled petition under 37 C.F.R. 1.48(b) and by the fee required under 37 C.F.R. 1.17(h).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung A. Le whose telephone number is (571) 272-1784. The examiner can normally be reached on Monday-Friday 8:00am- 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571) 272-1787. The central fax phone numbers for the organization where this application or proceeding is assigned are (571)272-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUNGLE DEMARY EXAMMER

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